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APR 03 2008

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01/07/2008

Peter L. Kendall

Roylance, Abrams, Berdo & Goodman, L.L.P.

Suite 600

1300 19th Street, N.W.

Washington, DC 20036

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,078	07/08/2003	Hun-Kee Kim	45386	8341

TITLE OF INVENTION: APPARATUS AND METHOD FOR PERFORMING ADAPTIVE CHANNEL ESTIMATION IN A MOBILE COMMUNICATION SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	04/07/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
DSOUSA, JOSEPH FRANCIS A	2611	375-350000

04/04/2008 EFLORES1 00000010 10614078

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page (see Fee 1.1504 or 1.1501):
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

ROYLANCE, ABRAMS, BERDO
& GOODMAN, LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SAMSUNG ELECTRONICS CO., LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SUWON, SI, REPUBLIC OF KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 18-2220 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

April 3, 2008

Typed or printed name Gautam SainRegistration No. 57,805

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Atty. Docket No.: 45386
)	
Hun-Kee Kim, et al.)	Confirmation No.: 8341
)	
Serial No.: 10/614,078)	Group Art Unit: 2611
)	
Filed: July 8, 2003)	Examiner: Joseph Francis A Dsouza
)	
For: APPARATUS AND METHOD)	Customer No.: 01609
FOR PERFORMING ADAPTIVE)	
CHANNEL ESTIMATION IN A)	
MOBILE COMMUNICATION)	
SYSTEM)	

Commissioner for Patents
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Alexandria, VA 22313-1450

SUBMISSION OF SUBSTITUTE DECLARATION

Sir:

Applicants submit herewith a Substitute Declaration for filing in the above-referenced application concurrent to paying the issue fee.

The Commissioner is hereby authorized to charge payment of the any required fee associated with this communication to Deposit Account No. 18-2220 (Order No.: 51267).

Respectfully submitted,

Date: April 3, 2008

Gautam Sain
Reg. No. 57,805

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, D.C. 20036-2680
Main: (202) 659-9076